

Getting Started

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PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: davidlanoy
Password:
Login Succeeded
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images>
```

Finding images

```
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker search kafka
NAME                                DESCRIPTION                                STARS    OFFICIAL    AUTOMATED
wurstmeister/kafka                 Multi-Broker Apache Kafka Image           1357     [OK]
spotify/kafka                      A simple docker image with both Kafka and Zo... 411      [OK]
bitnami/kafka                      Apache Kafka is a distributed streaming plat... 234      [OK]
sheepkiller/kafka-manager          kafka-manager                             204      [OK]
kafkamanager/kafka-manager         Docker image for Kafka manager             120
ches/kafka                         Apache Kafka. Tagged versions. JMX. Cluster-... 117      [OK]
hiebalbau/kafka-manager            CMAK (previous known as Kafka Manager) As Do... 82       [OK]
landoop/kafka-topics-ui            UI for viewing Kafka Topics config and data ... 36       [OK]
solsson/kafka                     http://kafka.apache.org/documentation.html#q... 22       [OK]
johnnypark/kafka-zookeeper        Kafka and Zookeeper combined image         22
debezium/kafka                    Kafka image required when running the Debezi... 21      [OK]
landoop/kafka-lenses-dev           Lenses with Kafka. +Connect +Generators +Con... 20      [OK]
danielqsj/kafka-exporter          Kafka exporter for Prometheus              18      [OK]
landoop/kafka-connect-ui          Web based UI for Kafka Connect.            17      [OK]
digitalwonderland/kafka          Latest Kafka - clusterable                 15      [OK]
tchiotludo/kafkahq                Kafka GUI to view topics, topics data, consu... 6       [OK]
solsson/kafka-manager             Deprecated in favor of solsson/kafka:cmak    5       [OK]
solsson/kafkacat                  https://github.com/edenhill/kafkacat/pull/110 5       [OK]
solsson/kafka-prometheus-jmx-exporter For monitoring of Kubernetes Kafka clusters ... 4       [OK]
solsson/kafka-consumers-prometheus https://github.com/cloudworkz/kafka-minion   4
mesosphere/kafka-client           Kafka client                               3      [OK]
anchorfree/kafka                  Kafka broker and Zookeeper image           2
digitsy/kafka-magic               Kafka Magic images                         2
zenreach/kafka-connect            Zenreach's Kafka Connect Docker Image      2
zenko/kafka-manager               Kafka Manger https://github.com/yahoo/kafka-... 2      [OK]
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker pull spotify/kafka
Using default tag: latest
latest: Pulling from spotify/kafka
386a066cd84a: Pull complete
75ea84187083: Pull complete
3e2e387eb26a: Pull complete
eef540699244: Pull complete
1624a2f8d114: Pull complete
7018f4ec6e0a: Pull complete
6ea3bc2a93b0: Pull complete
658810c91c6a: Pull complete
c8bd0e6d651a: Pull complete
d471f5c9f3f2: Pull complete
Digest: sha256:cfc8f87f60b48a07fb99df24fab8201ec8b647634751e842b67103a25a388981b
Status: Downloaded newer image for spotify/kafka:latest
docker.io/spotify/kafka:latest
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images>
```

Tagging images

```
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
davidlanoy/ping latest    11ec917c9e0e   42 hours ago   138MB
<none>        <none>    fe843f0fdad9   42 hours ago   138MB
<none>        <none>    63b9db0fca13   42 hours ago   169MB
<none>        <none>    4ccc832d4136   42 hours ago   169MB
ubuntu        16.04    aefd7f02ae24   2 weeks ago    134MB
spotify/kafka latest    a9e0a5b8b15e   4 years ago    443MB
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker tag davidlanoy/ping retaglanoy/ping:1.0
```

```
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
davidlanoy/ping latest    11ec917c9e0e   42 hours ago   138MB
retaglanoy/ping 1.0      11ec917c9e0e   42 hours ago   138MB
<none>        <none>    fe843f0fdad9   42 hours ago   138MB
<none>        <none>    63b9db0fca13   42 hours ago   169MB
<none>        <none>    4ccc832d4136   42 hours ago   169MB
ubuntu        16.04    aefd7f02ae24   2 weeks ago    134MB
spotify/kafka latest    a9e0a5b8b15e   4 years ago    443MB
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker rmi davidlanoy/ping
Untagged: davidlanoy/ping:latest
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
retaglanoy/ping 1.0      11ec917c9e0e   42 hours ago   138MB
<none>        <none>    fe843f0fdad9   42 hours ago   138MB
<none>        <none>    63b9db0fca13   42 hours ago   169MB
<none>        <none>    4ccc832d4136   42 hours ago   169MB
ubuntu        16.04    aefd7f02ae24   2 weeks ago    134MB
spotify/kafka latest    a9e0a5b8b15e   4 years ago    443MB
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images>
```

Pushing images

**re-tagged my image to davidlanoy since that is my username*

```
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images> docker push davidlanoy/ping:1.0
The push refers to repository [docker.io/davidlanoy/ping]
000c4438b372: Pushed
1d5d9edd4bbc: Mounted from library/ubuntu
fbb91e31093e: Mounted from library/ubuntu
31dda91e27a1: Mounted from library/ubuntu
16012e0c1d35: Mounted from library/ubuntu
1.0: digest: sha256:ad15127631d29deac0a92170e470b10012748d9ce01338ccaf27c173833d37f6 size: 1361
PS N:\up-3y2s\coe197s\repos\me8_containerization_and_docker\4-sharing_images>
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